

Separate Science (Year 10)



Biology

Homeostasis and response

- The nervous system
- The brain
- The eye
- Control of body temperature
- The endocrine system
- Hormones in reproduction

Mocks
Paper 1
Biology,
Chemistry &
Physics

Exam Preparation

- Required practical's
- Command words
- Application questions



Infection and response

- Communicable diseases
- Vaccinations
- Antibiotics
- Monoclonal antibodies
- Plant diseases

Bioenergetics

- Respiration
- Effect of exercise
- Metabolism
- Photosynthesis
- Investigating rate of photosynthesis
- Respiration in plants



January
Assessment



Organisation

- Digestive system
- Circulatory system
- Health, lifestyle and non-communicable diseases
- Cancer

Cell biology

- Cell structure and functions
- Eukaryotes and prokaryotes
- Microscopy
- Cell culture
- Stem cells
- Mitosis Transport